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*copy*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

Yasuyuki UNNO

Application No.: 09/523,735

Filed: March 13, 2000

For: PROJECTION OPTICAL SYSTEM AND  
PROJECTION EXPOSURE APPARATUS HAVING  
THE SAME

U.S. Patent No. 6,829,041 B2

Issued: December 7, 2004

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Examiner: P. B. Kim

Group Art Unit: 2851

February 16, 2005

*Certificate*

*FEB 23 2005*

*of Correction*

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**Attention: Certificate of Correction Branch**

REQUEST FOR  
CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:

Patentee requests that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes and mistakes of a minor nature which are not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

02/10/2005 AW0HDAF2 60000012 6829041

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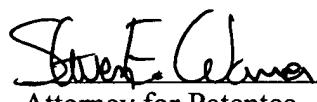
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*FEB 25 2005*

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction. Any additional fee required by this paper may be charged to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

Patentee's undersigned attorney may be reached in our Washington, D.C. Office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Patentee  
Steven E. Warner  
Registration No. 33,326

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30 Rockefeller Plaza  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
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DATED : December 7, 2004

INVENTOR(S): Yasuyuki UNNO

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 5:

Line 30, "views;" should read -- views --.

COLUMN 7:

Line 59, "a" should be deleted.

COLUMN 9:

Line 22, "Pergam on" should ream -- Pergamon --.

Line 34, " $n_1 = 1 / \sqrt{(t / n_1)^{2 + ((1-t)/n_2)^2}}$ " should read --  $n_1 = 1 / \sqrt{(t / n_1^2) + [(1-t) / n_2^2]}$  --.

COLUMN 11:

Line 56, "water" should read -- wafer --.

MAILING ADDRESS OF SENDER:

PATENT NO. 6,829,041 B2

FITZPATRICK, CELLA, HARPER & SCINTO  
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Line 30, " $\rho_r$ " should read --  $\sigma_r$  --.

Line 46, "portion of" should be deleted.

**COLUMN 17:**

Line 57, "abode," should read -- above, --.

**COLUMN 18:**

Line 45, "a" should read -- on --.

Line 46, "of micron," should read -- of a micron --.

**COLUMN 21:**

Line 47, "a" should read -- in a --.

Line 54, "the" should read -- a --.

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